

L Number	Hits	Search Text	DB	Time stamp
1	68	(427/\$.ccls. or 524/\$.ccls. or 523/\$.ccls. or 524/\$.ccls.) and ((li or lithium or na or sodium or k or potassium) adj3 carboxyl)	USPAT; EPO; DERWENT	2004/03/08 12:45

US-PAT-NO: 6277953

DOCUMENT-IDENTIFIER: US 6277953 B1

TITLE: Stable aqueous polymer dispersions and
a process for
their preparation

----- KWIC -----

Detailed Description Text - DETX (60):

where A and B are --OH and/or --COOH which can form a polyester in a condensation reaction and C is selected from the group consisting of --COOX, --SO₃ X and --PO₄ Y₂, where X is an alkali metal such as sodium or potassium and one Y may be H, but at least one or both Ys are alkali metals such as sodium or potassium. In an important aspect, R is a phthalic type diacid, such as isophthalic acid, and C is --SO₃ X, where X is Na or K, and where the carboxyl groups form a residue in the condensation polymer, such as after reaction with a polyol.

Current US Cross Reference Classification - CCXR (1):
523/340

Current US Cross Reference Classification - CCXR (2):
523/501

Current US Cross Reference Classification - CCXR (3):
524/556

Current US Cross Reference Classification - CCXR (4):
524/832

US-PAT-NO: 5252632

DOCUMENT-IDENTIFIER: US 5252632 A

See image for Certificate of Correction

TITLE: Low cost cathodic and conductive
coating compositions
microspheres and a comprising lightweight hollow glass
conductuve phase

----- KWIC -----

Detailed Description Text - DETX (9):

When an emulsion polymer is used as the film-forming polymer, the use of appropriate wetting agents and chemical thickeners inhibits the movement of the glass microspheres floating/rising to the surface of the coating. The wetting agents comprise a lipophilic portion and a hydrophilic portion. The lipophilic portion is selected from the group consisting of the hydrocarbon chain of a fatty acid, a petroleum hydrocarbon chain or an aromatic hydrocarbon with alkyl side chains. The hydrophilic part is selected from the group consisting of a carboxylate, sulfate, sulfonate, alcohol or ether alcohol. Colloids and thickeners are used to thicken the water phase and reduce settling. Thickening agents are selected from the group consisting of sodium salts of carboxyl-containing acrylic polymers, hydroxyethyl cellulose, carboxymethyl cellulose, colloidal clay and gum arabic. The preferred thickening agent is Acrysol G-110 by Rohm and Haas.

Claims Text - CLTX (18):

thickening agents selected from the group consisting of sodium salts of